

PART B PERMIT APPLICATION FOR HAZARDOUS WASTE TREATMENT AND STORAGE FACILITIES, LIVERMORE SITE

Master Table of Contents

VOLUME 1

Part I	Facility Description
Part II	Facility Location
Part III	Waste Characteristics
Part IV	Facility Design and Operations
Part V	Security
Part VI	Management Practices
Part VII	Personnel Training
Part VIII	Contingency Plans and Emergency Procedures
Part IX	Closure Plan
Part X	Financial Responsibility
Part XI	Corrective Action
Part XII	California Environmental Quality Act
Part XIII	Environmental Control Permits
Part XIV	Specific Hazardous Waste Management Units
Part XV	Environmental and Health Effects

VOLUME 2

Appendix II-A	Plates
---------------	--------

VOLUME 3

Appendix II-B	Environmental Monitoring
Appendix II-C	Seismic Studies
Appendix II-D	Seismic Evaluations

VOLUME 4

Appendix III-A	Waste Analysis Plan
----------------	---------------------

VOLUME 5

Appendix IV-A	Manufacturers' Specifications for Sealants
Appendix VI-A	Example Waste Forms

Appendix VI-B	Manufacturers' Information on Secondary Containment Pallets
Appendix VI-C	Certification of the Stability of Triple-stacked Boxes
Appendix VI-D	Compatibility Data for Overpacking Materials
Appendix VI-E	Example Waste Labels
Appendix VI-F	Building 695 Treatment Equipment Decontamination Process Description
Appendix VII-A	Hazardous Waste Management Division Personnel Job Titles, Duties and Training Programs
Appendix VII-B	Waste Management Training Program Course Descriptions
Appendix VII-C	Hazardous Waste Management Division Requisite Skills Matrix

VOLUME 6

Appendix VIII-A	Contingency Plan for Hazardous Waste Management Facilities: Area 612, Area 514, Building 233 CSU, and the Decontamination and Waste Treatment Facility
Appendix VIII-B	Building 280 Facility Contingency Plan

VOLUME 7

Part XIV.1	Area 612 Container Storage/Treatment Unit Group
Appendix XIV.1-A	Photographs of Area 612 Container Storage/Treatment Unit Group
Appendix XIV.1-B	Manufacturer's Specifications for Drum/Container CrusherB-1
Appendix XIV.1-C	Design Drawings for the Size Reduction Unit C-1
Appendix XIV.1-D	Secondary Containment Reports for Area 612 Container Storage/Treatment Unit Group
Appendix XIV.1-E	Closure Plan for Area 612 Container Storage/Treatment Unit Group

VOLUME 8

Appendix XIV.1-F	Drawings of the Area 612 Container Storage/Treatment Unit Group
------------------	---

VOLUME 9

Part XIV.2	Building 280 Container Storage Unit
Appendix XIV.2-A	Drawings of the Building 280 Container Storage Unit
Appendix XIV.2-B	Photographs of the Building 280 Container Storage Unit
Appendix XIV.2-C	Secondary Containment Calculations for the Building 280 Container Storage Unit
Appendix XIV.2-D	Closure Plan for the Building 280 Facility

VOLUME 10

Part XIV.3	Building 693 Container Storage Unit Group
Appendix XIV.3-A	Drawings of the Building 693 Container Storage Unit Group
Appendix XIV.3-B	Photographs of the Building 693 Container Storage Unit Group
Appendix XIV.3-C	Secondary Containment Calculations
Appendix XIV.3-D	Decontamination and Waste Treatment Facility (DWTF) Closure Plan

VOLUME 11

Part XIV.4	Building 695 Storage/Treatment Unit Group
Appendix XIV.4-A	Drawings of the Building 695 Storage/Treatment Unit Group
Appendix XIV.4-B	Secondary Containment Report for the Building 695 Storage/Treatment Unit Group
Appendix XIV.4-C	Assessment Report for the DWTF Tank Farm
Appendix XIV.4-D	Waste Blending Station Process Description
Appendix XIV.4-E	Cold Vapor Evaporator Process Description
Appendix XIV.4-F	Centrifuge Process Description
Appendix XIV.4-G	Filtration Module Process Description
Appendix XIV.4-H	Shredder/Chopper Process Description
Appendix XIV.4-I	Debris Washer Process Description
Appendix XIV.4-J	Solidification System Process Description
Appendix XIV.4-K	Gas Adsorption System Process Description
Appendix XIV.4-L	Uranium Bleaching Process Description
Appendix XIV.4-M	Pressure Reactor Process Description
Appendix XIV.4-N	Water Reactor Process Description
Appendix XIV.4-O	Mercury Amalgamation Process Description
Appendix XIV.4-P	<u>Bulking</u> /Drum Rinsing Station Process Description
Appendix XIV.4-Q	Decontamination and Waste Treatment Facility (DWTF) Closure Plan
Appendix XIV.4-R	Example Reagents for Treatment in Permitted Units
Appendix XIV.4-S	Treatment Processes in Hazardous Waste Management Facilities